

Optizone 1064nm High Power Collimated Beam Output Isolator—Type D62

Features

- High Isolation & High Power Handling
- Low Polarization Dependent Loss
- Low Insertion Loss & High Return Loss
- Excellent Environmental Stability and Reliability

Applications

- Fiber Amplifier
- Fiber Laser
- Instrumentation Applications
- Lab Research

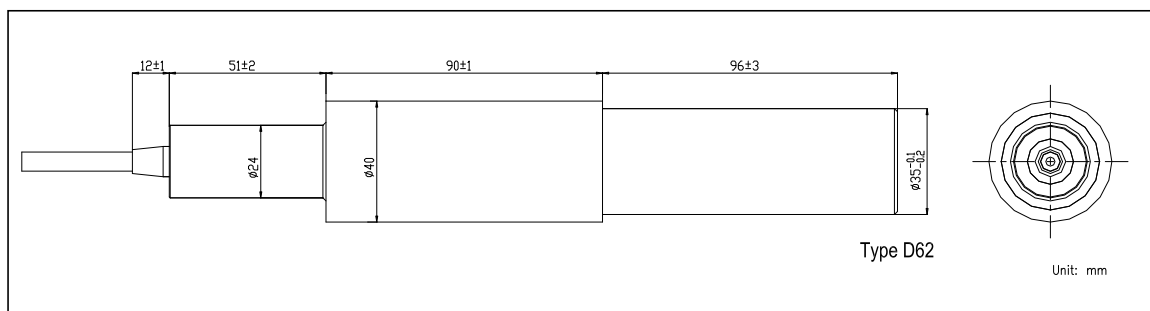
Specifications

Parameters	Unit	Values
Center Wavelength (λ_c)	nm	1064
Operating Wavelength Range	nm	± 5
Min. Isolation @ 25°C	dB	28
Min. Transmission	-	90%
Min. Return Loss	dB	50
Nominal Output Beam Diameter ($1/e^2$) @0~1m WD	mm	6 \pm 0.5 or Specify
Ellipticity	%	>90
Max. Optical Average Power	W	10, 20 or specify
Max. Peak Power	KW	10, 20 or Specify
Fiber Type	-	SCF 20/130 Fiber or LMA Fiber
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75

*For pulse applications, pls discuss with Optizone Technology.

*The dimensions of beam expanders are dependent on the required beam diameter,pls contact Optizone or see the shipment data sheet.

Package Dimensions



Ordering Information

HPICI-①①-②②-③③-④④-⑤-⑥-⑦

①①: Wavelength
06 - 1064nm
SS - Specify

④④: Output Beam Diameter
60- 6.0mm
SS - Specify

⑥: Fiber Length
2 - 1.5m 6mm Armoured Cable
& 2.6mm Cable,
0.5m Bare Fiber

②②: Package Type
D62 - Type D62

⑤: Fiber Jacket
B - 250um Bare Fiber
F- 900um Loose Tube

⑦: Fiber Type
88 - Nufern LMA-GDF-20/130-085A NA0.08

③③: Handling Power
10 - 10W
20 - 20W

R - 3mm Loose Cable
6 - 6mm Armoured Cable
S - Specify

S - Specify